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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

W. KEITH FISHER  
JOHN J. ELLIOTT

Serial No.: 09/586,201

Filed: JUNE 2, 2000

For: ANTISTATIC YARN, FABRIC, CARPET  
AND FIBER BLEND FORMED FROM  
CONDUCTIVE OR QUASI-  
CONDUCTIVE STAPLE FIBER

Group Art Unit: 1771

Examiner: Cheryl A. Juska

Atty. Dkt. No.: SOLU:103/LUD/POG  
12598.0103.NPUS00

Solutia Ref: 14-54 (8963)00

**AMENDMENT AND RESPONSE TO OFFICE ACTION DATED MARCH 28, 2002**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

This paper is submitted in response to the Office Action dated March 28, 2002, three-month date for response is June 28, 2002.

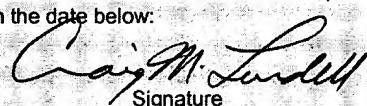
Reconsideration of the application is respectfully requested in light of the following amendments and remarks.

**I. AMENDMENT**

*In the claims:*

Please cancel claims 6 and 7 without prejudice.

Please amend claims 1, 4, 5, 8, 9, 10, 11, 12, 14 and 15, as follows:

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:	
Sept. 30, 2002	
Date	Signature

1. (Amended) A yarn comprising a plurality of staple fibers chosen from the group consisting of non-metallic conductive staple fibers, quasi-conductive staple fibers and mixtures of non-metallic conductive and quasi-conductive staple fibers, the fibers from this group making up at least about 35 percent by weight of the staple fibers in the yarn.

2. (Amended) The yarn of claim 1, wherein the plurality of staple fibers comprises at least some non-metallic conductive staple fibers.

5. (Amended) The yarn of claim 4, wherein the individual non-metallic conductive staple fibers have a DC linear resistance less than about  $10^9$  ohms per centimeter.

8. (Amended) The yarn of claim 5, wherein at least some of the non-metallic conductive staple fibers comprise carbon-loaded polymer.

9. (Amended) The yarn of claim 5, wherein at least some of the non-metallic conductive staple fibers comprise polymer loaded with antimony-doped tin oxide.

10. (Amended) The yarn of claim 5, wherein at least some of the non-metallic conductive staple fibers comprise non-conductive polymer and are solution-coated with one or more electrically-conductive polymers.

11. (Amended) The yarn of claim 5, wherein at least some of the non-metallic conductive staple fibers comprise inherently-conductive polymer.

12. (Amended) The yarn of claim 5, wherein at least some of the non-metallic conductive staple fibers are bicomponent staple fibers.